

## **– AFTER SALES SERVICE**

- Do not hesitate to contact your retailer or service agent if a change in the performance of your product indicates that a faulty condition may be present.

### **□ IMPORTANT NOTICE (United Kingdom)**

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BS1362 of the same rating must be used. Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. DO NOT connect the plug to a mains socket as there is a risk of electric shock from the bared flexible cord.

### **□ IMPORTANT**

The wires in the mains lead are coloured in accordance with the following code:

**BLUE - NEUTRAL - BROWN - LIVE**

As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows: The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

**WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL, WHICH IS MARKED WITH THE LETTER E OR THE EARTH SYMBOL  $\pm$ , OR COLOURED GREEN OR GREEN AND YELLOW.**

Take care not to stand the TV on top of the power cable!



CODE NO.: HA68-00614A



## Problems and Solutions

Before contacting the after-sales service, perform the following simple checks. If you cannot solve the problem using the instructions below, note the model and serial number of the television and contact your local dealer.

Problem	Checks/Explanation/Solution
No sound or picture	<ul style="list-style-type: none"> <li>◆ Check that the mains lead has been connected to a wall socket and the wall socket is switched on.</li> <li>◆ Check that you have pressed the On/Off button (POWER) on the front panel.</li> <li>◆ Check the picture contrast and brightness settings.</li> <li>◆ Check the volume.</li> </ul>
Normal picture but no sound	<ul style="list-style-type: none"> <li>◆ Check the volume.</li> <li>◆ Check that the MUTE button has not been pressed on the remote control (if it has, the  symbol is displayed on the screen).</li> </ul>
No picture or black and white picture	<ul style="list-style-type: none"> <li>◆ Adjust the colour settings.</li> <li>◆ Press the PICTURE STANDARD( ) button.</li> </ul>
Sound and picture interference	<ul style="list-style-type: none"> <li>◆ Try to identify the electrical appliance that is affecting the television and move it further away.</li> <li>◆ Plug your television into a different mains socket.</li> </ul>
Blurred or snowy picture, distorted sound	<ul style="list-style-type: none"> <li>◆ Check the direction, location and connections of your aerial. This interference is often due to the use of an indoor aerial.</li> </ul>
Remote control malfunctions	<ul style="list-style-type: none"> <li>◆ Replace the remote control batteries.</li> <li>◆ Clean the upper edge of the remote control (transmission window).</li> <li>◆ Check the battery terminals.</li> <li>◆ Check that the remote control sensor on the front of the television is not obstructed.</li> <li>◆ Check that there is not a bright lamp close to the television that is attenuating the remote control signal and preventing it from being detected by the television.</li> </ul>
Irregular colour (purity problem)	<ul style="list-style-type: none"> <li>◆ See below.</li> </ul>

## Removing Colour Patches (Automatic Degaussing)

A degaussing coil is mounted around the picture tube, so you do not normally need to degauss the television manually.

If you move the television to a different position and colour patches appear on the screen, you must:

- ◆ Switch the television off by pressing the On/Off button (POWER) on the front panel
- ◆ Unplug the television from the wall socket
- ◆ Leave the television for two hours to allow the automatic degauss function to take effect

 Always make sure that the television is switched off by pressing the On/Off button (POWER) if it is to be left unattended.

Thank you for purchasing  
a **TOSHIBA** television.  
Please note that your  
model may not necessarily  
have all the features  
listed below.



GB

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## Symbols



Press



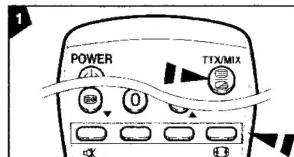
Important



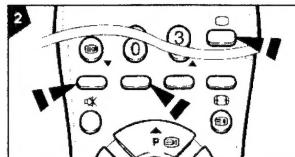
Note

## Using FLOF to Select a Page

The different topics covered on a Teletext page are colour-coded and can be selected by pressing the coloured buttons on the remote control.



Display the Teletext contents page by pressing the TTX/MIX button (  ).



To display the... Press the...

Previous page Red button

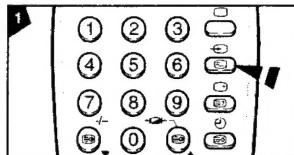
Next page Green button

When you have finished, press the TV button (  ) to return to your normal broadcast.

Press the coloured button corresponding to the topic that you wish to select; the available topics are given on the status line.  
**Result:** The page is displayed with other coloured information that can be selected in the same way.

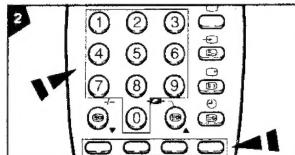
## Storing Teletext Pages

You can store up to four Teletext pages to display them later at leisure.



Select the LIST mode.

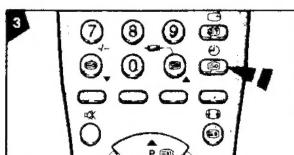
**Result:** Four 3-digit numbers are displayed in different colours at the bottom of the screen.



Press the coloured button corresponding to the page that you wish to replace.

Enter the new page number using the numeric buttons.

➤ The LIST button (  ) is used to switch between the:  
 ◆ LIST mode  
 ◆ FLOF mode



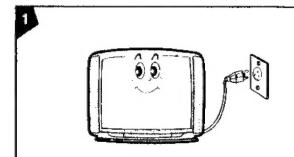
Press the STORE button (  ) to store the corresponding pages until the corresponding blocks are displayed in white.

## Switching Your Television On and Off

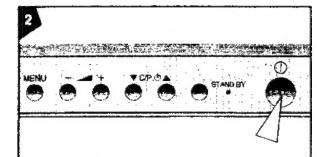
The mains lead is attached to the rear of the television. Use a wall socket with, depending on the model, a:

- ◆ **Voltage of 220V/230V/240V~ or 100V-260V~**

- ◆ **Frequency of 50Hz or 50/60Hz**



Plug the mains lead into an appropriate wall socket.



Press the On/Off button (POWER) on the front panel to switch the television on.

If you have...	Then you will see...
Already stored channels	The channel selected when you last switched your television off.
Not yet stored any channels	No clear picture. You must now store the channels.

Press the On/Off button (POWER) again to switch the television off.

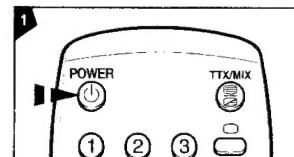
## Placing the Television in Standby Mode

You can place your television in standby mode in order to reduce:

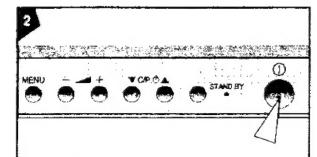
- ◆ **Power consumption**
- ◆ **Wear of the cathode ray tube**

The standby mode can be useful when you wish to interrupt viewing temporarily (during a meal, for example).

**The television is placed automatically in standby mode when you turn it on.**



Press the POWER button (  ) on the remote control.

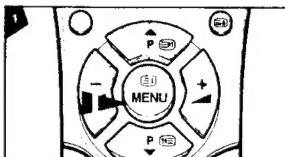


**Result:** The screen is turned off and the green indicator on the front of the television lights up.

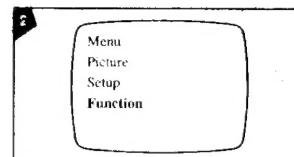
To switch the screen back on, press the POWER button (  ) again.

➤ Do not leave your television in standby mode for long periods of time (when you are away on holiday, for example). In this case, you should switch it off completely.

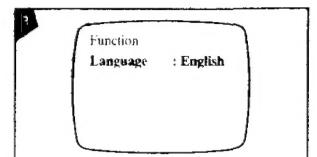
## Selecting the Language



Press the MENU button.  
**Result:** The main on-screen menu is displayed.



Press P  to place the selection bar on the "Function" menu.  
 Press the + button.  
**Result:** The "Function" menu is displayed.



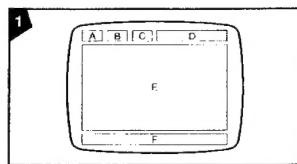
Press P  to select the "Language" menu.  
 Press + until the required language is displayed.  
 Press MENU repeatedly until the menus disappear.

## Teletext Function

Most television channels provide a written information service via Teletext. They provide such information as:

- ◆ Television programme times
- ◆ News bulletins
- ◆ Weather forecasts
- ◆ Sports results
- ◆ Subtitles for the hard of hearing

This information, which you cannot modify, is divided into numbered pages laid out as follows:



Part	Contents
A	Selected page number.
B	Broadcasting channel identity.
C	Current page number or search indications.
D	Date and time.
E	Text.
F	Status information.

➤ There may appear different language on the screen from every rolling on the satellite broadcasting.

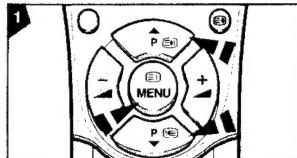
## Displaying the Teletext Screen

You can display Teletext information at any time on your television screen.

For Teletext information to be displayed correctly, channel reception must be good; otherwise:

- ◆ Information may be missing.
- ◆ Some pages may not be displayed.

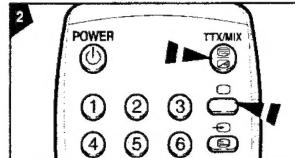
To activate the Teletext mode and display the contents page, follow the instructions.



Select the channel providing the Teletext service, using the P ▲ or P ▼ buttons.

Press the TTX/MIX button ( ) to activate the Teletext mode.

Result: The contents page (page 100) is displayed. It can be redisplayed at any time by pressing the INDEX button ( ).



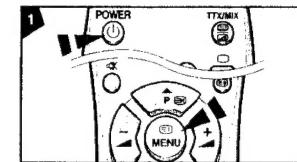
If you wish to display the actual broadcast on the selected channel at the same time as the Teletext page, press the TTX/MIX button ( ) once.

When you have finished, press the TV button ( ) to continue viewing normally.

## Storing the Channels Manually

When storing channels manually, you can choose:

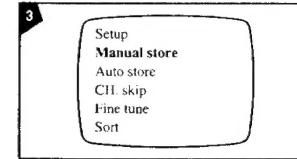
- ◆ Whether or not to store each of the channels found
- ◆ The number by which you wish to identify each stored channel



If the television is in standby mode (green light on), press the POWER button ( ) on the remote control.

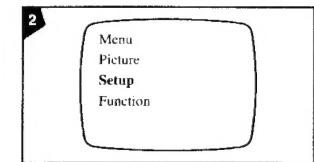
Press the MENU button.

Result: The main on-screen menu is displayed.

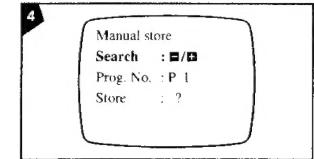


Press the + button.

Result: The "Setup" menu is displayed, with the selection bar on the "Manual store" option.

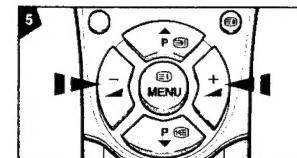


Press P ▼ to place the selection bar on the "Setup" option.



Press the + button again.

Result: The "Manual store" menu is displayed.



Press:

- ◆ + to start searching forwards through the frequencies
- ◆ - to start searching backwards

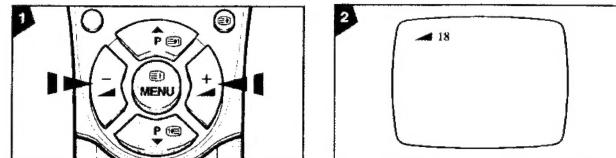
When a channel is found, the "Manual store" menu is displayed again.

To...	Then...
Continue searching without storing this channel	Press + or - to continue searching respectively forwards or backwards through the frequencies.
Store this channel	<ol style="list-style-type: none"> <li>1 Press P ▼ to place the selection bar on the "Prog. No." option.</li> <li>2 Press + or - until the number by which you wish to identify the channel is displayed.</li> <li>3 Press P ▼ to place the selection bar on the "Store" option.</li> <li>4 Press + or - to store the channel.</li> </ol> <p>Result: "OK" is displayed.</p>
Stop searching for channels	5 Press P ▼ to place the selection bar on the "Search" option and press + or - to start the search again.
	Press MENU repeatedly until the menus disappear.

## Adjusting the Volume

The volume setting is memorised:

- ◆ When you place the television in standby mode
- ◆ When you switch the television off using the On/Off button (POWER) on the front panel
- ◆ If there is a power failure

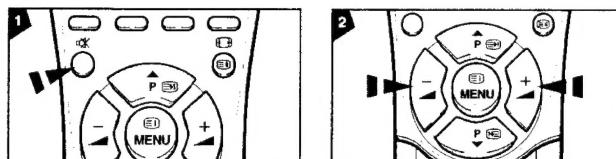


To adjust the volume, press:

- ◆ + to move the on-screen cursor right and increase the volume
- ◆ - to move the on-screen cursor left and reduce the volume

## Switching the Sound Off Temporarily

You can switch the sound off temporarily (during a telephone conversation, for example).



Press the MUTE (M) button.

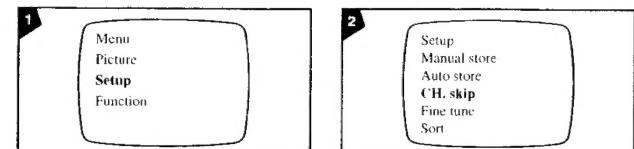
Result: The sound is switched off and the M symbol is displayed.

To switch the sound back on, press the same button again or the volume +/- buttons.

## Skipping Unwanted Channels

You can exclude the channels of your choice from the channel scan operation. When you scan through the stored channels, those that you have chosen to skip are thus not displayed.

All channels that you do not specifically choose to skip are displayed during scanning.



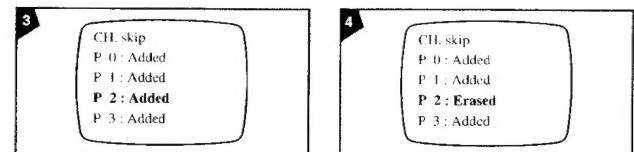
Press the MENU button.

Result: The main on-screen menu is displayed.

Use the P ▼ and + buttons to display the "Setup" menu.

Use the P ▼ and + buttons to display the "CH.skip" menu.

Result: All the channels are listed in numerical order.



The list displays only four channels at a time.

To display the... Press...

Next four channels P ▼, when the selection bar is on the last channel listed.

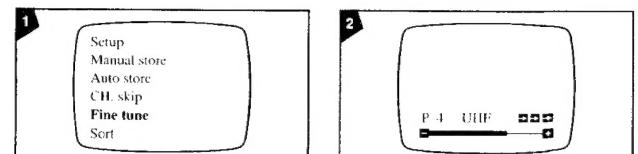
Previous four channels P ▲, when the selection bar is on the first channel listed.

To...	Press...	The channel is...
Select the channel	P ▼/▲	Highlighted.
Erase a channel so that it will be skipped over during scanning	-	Erased.
Add a previously erased channel so that it will be displayed during scanning	+	Added.
When you have finished, press MENU repeatedly until the menus disappear.		

## Fine-tuning Channel Reception

If reception is clear, you do not have to fine-tune the channel, as this is done automatically during the search and store operation. If however the signal is weak or distorted, you may have to fine-tune the channel manually.

➤ The fine-tuning of a stored channel cannot be stored.



Press the MENU button.

Result: The main on-screen menu is displayed.

Use the P ▼ and + buttons to display the "Setup" menu and then the "Fine tune" option.

Result: The channel number and frequency band are displayed above a horizontal cursor.

Use the + and - buttons to move the fine-tuning cursor until you obtain a sharp, clear picture and good sound quality.

➤ If you do not press either button within two seconds, the fine-tuning cursor disappears and the "Setup" menu is redisplayed. If this happens, reselect the "Fine tune" option.

When you have finished, press MENU repeatedly until the menus disappear.



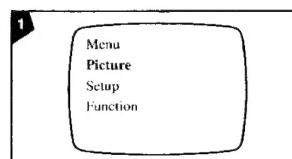
## Adjusting the Picture

Several settings are available on your television to enable you to control the quality of the picture:

- ◆ Contrast
- ◆ Brightness
- ◆ Sharpness
- ◆ Colour
- ◆ Tint (for NTSC signal; Option)

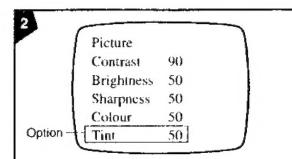
Your settings are only memorised if you have selected the "Custom" picture standard (for details, refer to "Choosing the Picture Standard"). Otherwise they are lost when:

- ◆ You switch the television off using the On/Off button (POWER) on the front panel
- ◆ There is a power failure

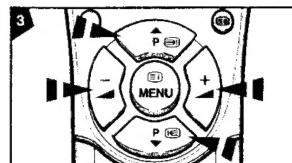


Press the MENU button.

Result: The main menu is displayed, with the selection bar on the "Picture" option.



Press + to display the "Picture" menu.



Use the P ▼ and ▲ buttons to select one of the following options:

① Contrast    ② Brightness    ③ Sharpness    ④ Colour    ⑤ Tint (Option)

To move the on-screen cursor... Press...

Left and reduce the value of the selected option

—

Right and increase the value of the selected option

+

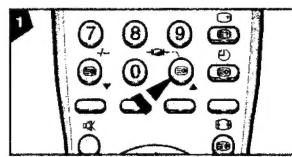
When you have finished, press MENU (■) repeatedly until the menus disappear.

- Your television contains an automatic degaussing system that is activated when the picture colours are affected by magnetic interference. To degauss your television screen, turn the set off by pressing the On/Off button (POWER) and leave it turned off for at least two hours. Refer to page 18 for further details.

## Choosing the Picture Standard

You can use your remote control to select the type of picture that best corresponds to your viewing requirements:

- ◆ Custom
- ◆ Standard
- ◆ Dynamic
- ◆ Movie
- ◆ Mild



Press the PICTURE STANDARD (→←) button on the remote control repeatedly until the required mode is displayed:

→ Custom → Standard  
Mild ← Movie ← Dynamic ←

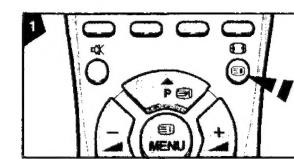
Result: Each time you press this button, the name of the selected picture standard is displayed for five seconds.

- The contrast, brightness, sharpness, colour and tint(option) settings of the first five modes are preset and any changes that you make will be lost when the television is switched off by the On/Off button (POWER) on the front panel.
- ◆ Changes made to these settings while the Custom mode is selected are memorised and are recalled when you switch the television back on.



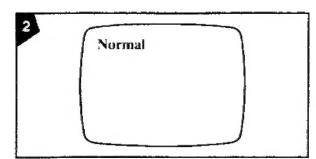
## Changing the Picture Size

You can modify the vertical dimensions of the displayed picture in order to watch programmes in ZOOM or 16:9 format.



Press the PICTURE SIZE (■) button on the remote control repeatedly until the required picture size mode is displayed:

→ Normal → Zoom  
— 16:9 (Option) ←



To view in... Select...

Standard format	Normal
ZOOM video format	Zoom
16:9 format	16:9 (Option)

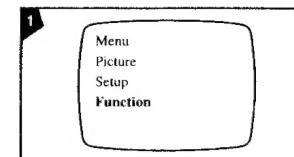
- The "Normal" picture size mode is selected automatically when you switch the television on.
- ◆ If you are watching pictures from your VCR via the Video mode (AV input), the "16:9" picture size mode cannot be selected.



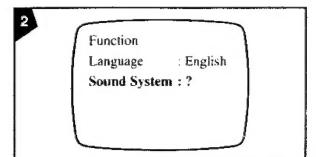
## Selecting the Sound System (Option)

If you cannot obtain clear, sharp sound when receiving a television broadcast, you may need to select a different sound system.

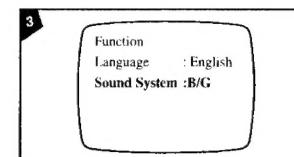
- B/G, D/K, I and M are sound signal broadcast systems applicable to different countries.



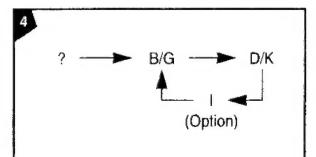
Press the MENU button.  
Result: The main on-screen menu is displayed.



Use the P ▼ and + buttons to display the "Function" menu.  
Press P ▲ button to select the "Sound System" option.



Press + repeatedly until the sound is of the best quality.  
Result: The sound system is changed.

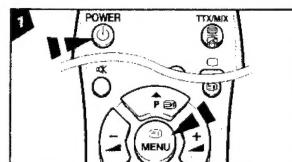


Press MENU repeatedly until the menus disappear.

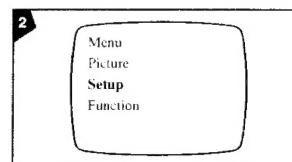
## Storing the Channels Automatically

You can scan the frequency ranges available on your television and in your country and store all the stations found automatically.

The channels are stored in the order in which they appear in the frequency bands.



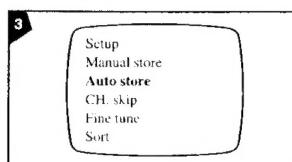
If the television is in standby mode (green light on), press the POWER button ( ) on the remote control.



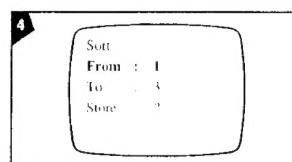
Press P ▼ to place the selection bar on the "Setup" option.

Press the + button.

Result: The "Setup" menu is displayed.

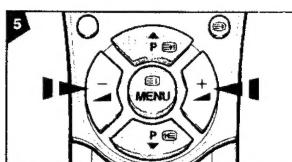


Press P ▼ to place the selection bar on the "Auto store" option.



Press + or - until the channel number that you wish to change is displayed.

Result: The selected channel's picture is displayed.



Press P ▼ to place the selection bar on the "To" option.

Press + or - until the new number by which you wish to identify the channel is displayed.

Result: The selected channel is exchanged with the one specified.

Example: If you select "3" for the "From" option and "1" for the "To" option:

- ◆ Channel 3 becomes Channel 1
- ◆ Channel 1 becomes Channel 3

To...	Then...
Confirm the exchange of channel numbers	<ol style="list-style-type: none"> <li>1 Press P ▼ to place the selection bar on the "Store" option.</li> <li>2 Press + or -.</li> </ol> <p>Result: "OK" is displayed. You can exchange other channel numbers by placing the selection bar on the "From" option and returning to Diagram 4.</p>

Cancel this change but continue sorting the channels

Place the selection bar on the "From" option and return to Diagram 4.

When you have finished sorting the channels, press MENU until the menus disappear.

## Setting the Sleep Timer

You can select a time period of between 15 and 180 minutes after which the television automatically switches to standby mode.



Press the SLEEP ( ) button on the remote control.

Result:

If the sleep timer is...

Already set

The screen displays a clock symbol and the...

Time remaining before the television will be placed in standby mode.

Not yet set

Word "Off".

Press the SLEEP button repeatedly until the appropriate length of time is displayed.

Result: The television is placed automatically in standby mode when the timer reaches 0.

To cancel the Sleep Timer function, press SLEEP repeatedly until the word "Off" is displayed.

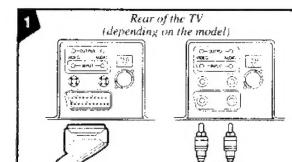
## Viewing Pictures from External Sources

You can use your television to watch pictures recorded on a:

- ◆ Video cassette recorder
- ◆ Camcorder

To connect different types of video equipment to your television, use the input connectors on the front and rear panels.

Refer to "Connections to the AV inputs" (page 17) for a description of the various connection possibilities.

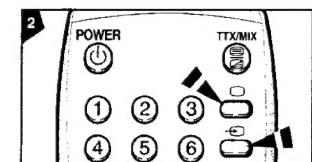


Connect the AV cable as explained on page 4.

Switch your television on.

Start playing the cassette on the VCR or camcorder.

Result: The recorded pictures appear on the television screen.



To watch television programmes while a cassette is playing, press the TV ( ) button on the remote control.

Result: The most recently watched channel is displayed.

To return to viewing the cassette, press the VIDEO ( ) button on the remote control.

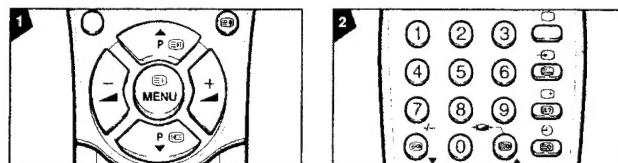
Result: The picture recorded on the VCR or camcorder cassette is displayed.

## Becoming Familiar With the Remote Control and Menus

The remote control is used to:

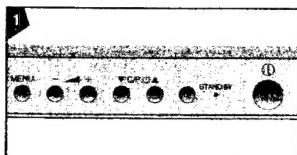
- ◆ Change channels and adjust the sound and picture while viewing programmes
- ◆ Set up the television using the on-screen menu system

The table opposite presents the most frequently used buttons and their functions.



Button	Viewing Function	Menu Function
P ▲	Used to display the next stored channel.	Used to select the previous menu option.
P ▼	Used to display the previous stored channel.	Used to select the next menu option.
+	Used to increase the volume.	Used to: <ul style="list-style-type: none"> <li>◆ Display a submenu containing selections that you can make for the current menu option</li> <li>◆ Search forwards manually for channels</li> <li>◆ Increase the value of a menu option</li> </ul> Used to: <ul style="list-style-type: none"> <li>◆ Display a submenu containing selections that you can make for the current menu option</li> <li>◆ Search backwards manually for channels</li> <li>◆ Reduce the value of a menu option</li> </ul>
-	Used to reduce the volume.	
MENU	Used to display the on-screen menu system.	Used to exit the on-screen menus and return to normal viewing.
① ~ ⑨	Used to display the corresponding channels.	Used to exit the menu system and display the corresponding channel directly.
---	Used to enter a two-digit channel number. Press this button a second time to enter one-digit numbers again. Example: To select channel 42, press 4, followed by 2.	

## Using the Front Panel Controls



If your remote control no longer works or you have lost it, you can use the controls on the front panel of the television to:

- ◆ Change channels
- ◆ Adjust the volume
- ◆ Select options from the on-screen menus
- ◆ Choose the Video mode:

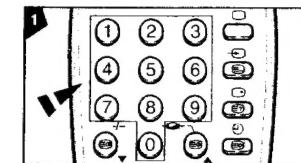
Press the C/P, ▲/▼ buttons to switch to the video mode (⊕):

...99 → 0 → ⊕ → 1 → 2...  
...99 ← 0 ← ⊕ ← 1 ← 2...

The symbols representing the controls on the front panel are the same as those used on the remote control.

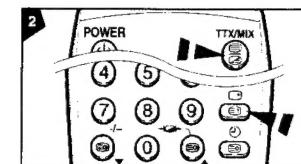
## Selecting a Page by Number

You can enter the page number directly by pressing the numeric buttons on the remote control.



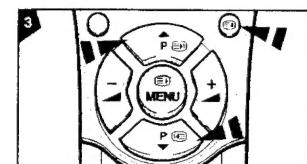
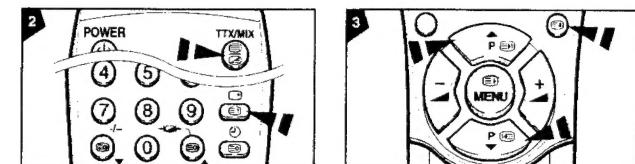
Enter the three-digit page number given in the contents, by pressing the corresponding numeric buttons.

Result: The current page number is incremented until the requested page is reached.  
That page is then displayed.



Select any of the display options, as required.

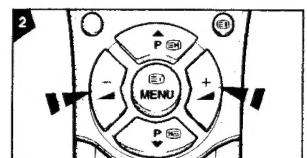
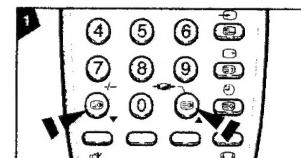
To display...	Press...
◆ Both the Teletext information and the normal broadcast	TTX/MIX (⊕/⊖) twice
◆ Hidden text (answers in questionnaire once games, for example)	RECALL (⊖/⊕)
◆ The screen normally again	RECALL (⊖/⊕)
◆ The next page	PAGE UP (⊖)
◆ The previous page	PAGE DOWN (⊕)
◆ Double-height letters in the...	SIZE (⊖)
• Upper half of the screen	◆ Once
• Lower half of the screen	◆ Twice
◆ The screen normally	◆ Three times



## Picture Control in Teletext mode

You can control the following functions, without being displayed OSD on the screen.

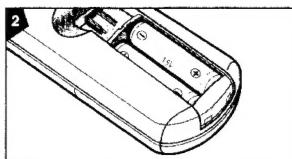
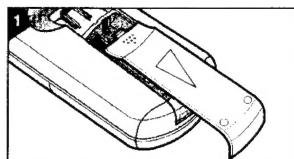
1. Contrast (▼ ⊕ ▲)
2. Volume (⊖ ▲ +)



## Inserting the Batteries in the Remote Control

You must insert or replace the batteries in the remote control when you:

- ◆ Purchase the television
- ◆ Find that the remote control is no longer operating correctly



Remove the cover on the rear of the remote control by placing your thumb on the symbol marked **S**, pressing and pushing the cover in the direction of the arrow.

Insert AA or equivalent type batteries, taking care to respect the polarities:

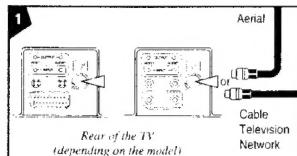
- ◆ + on the battery with + on the remote control
- ◆ - on the battery with - on the remote control

Replace the cover by aligning it with the remote control and sliding it until it clicks into place.

## Connecting the Aerial (or Cable Television Network)

To view television channels correctly, a signal must be received by the set from one of the following sources:

- ◆ An outdoor aerial
- ◆ A cable television network

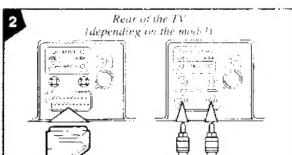
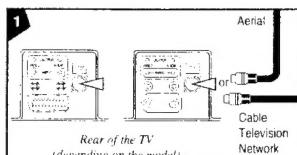


Plug the aerial or cable network input cable into the socket (marked  $75 \Omega$ ) at the bottom of the television's rear panel.

## Connecting a VCR

Depending on your model, you can connect a VCR to the television using a:

- ◆ Coaxial cable
- ◆ SCART audio/video cable
- ◆ RCA audio/video cable



Plug the aerial input cable into the appropriate socket on the VCR.

Connect a coaxial cable to the:

- ◆ VCR aerial output socket
- ◆ Television aerial input socket (marked  $75 \Omega$ )

To obtain better picture quality and simplify the setting up of the VCR, you can connect an audio/video cable between:

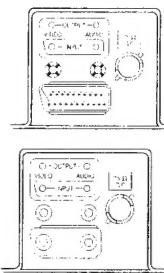
- ◆ The AV (SCART or RCA) output socket on the VCR and
- ◆ The AV (SCART or RCA) input socket on the rear of the television

Follow the instructions supplied with your VCR to tune the VCR to your television.

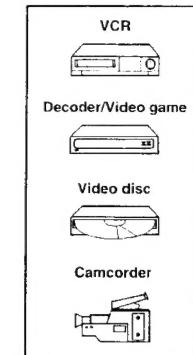
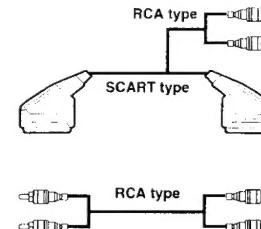
## Connections to the AV Inputs

➤ The AV connector on the rear of the television is used for equipment with an RGB output (such as video games, video disc players and personal computers).

### Rear of the TV (depending on the model)



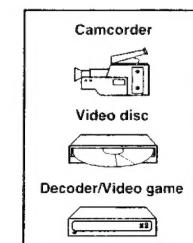
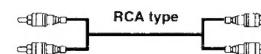
### AV Cable



### Front of the TV (Option)



### AV Cable

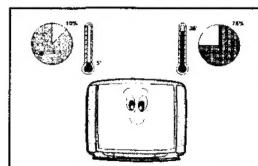


➤

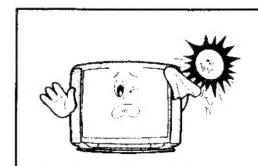
- ◆ The AV connector on the front of the television is used for equipment, such as camcorders, video disc players and certain video games.
- ◆ When both the front and rear connectors are connected to external equipment, the front AV has the priority.

## Safety Instructions

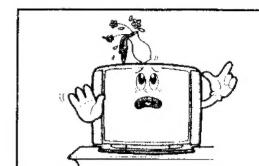
The following illustrations represent the precautions to be taken when using and moving your television.



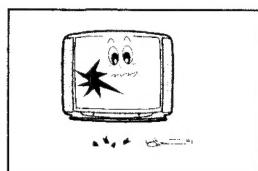
Do NOT expose the television to extreme temperature conditions (below 5°C and above 40°C) or to extreme humidity conditions (less than 10% and more than 75%).



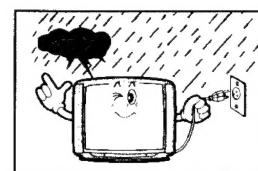
Do NOT expose the television to direct sunlight.



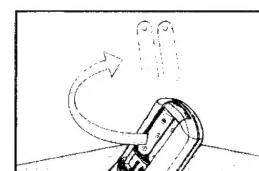
Do NOT expose the television to any liquids.



If the television is broken, do not try to repair it yourself. Contact qualified service personnel.



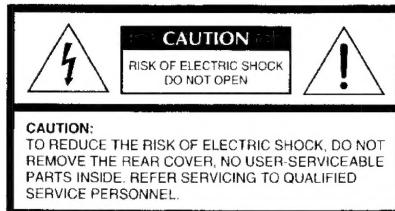
During a storm conditions (especially when there is lightning) unplug the television from the mains socket and aerial.



If the remote control is not used for a long period of time, remove the batteries and store it in a cool, dry place.

**NEVER OPEN THE TELEVISION**

## Caution



Mains voltage: 220V/230V/240V~, 50Hz.

Control range of mains section: 100V-260V~ (option) or "indicated on the rear of the TV set".

Mode	System
CB	PAL-B/G
CI	PAL-I (UHF ONLY)
CX	PAL-B/G, SECAM-B/G
CK	PAL-B/G, D/K, SECAM-B/G, D/K
CI	PAL-I (WITH VHF BAND)
CW	PAL-B/G, D/K, SECAM-B/G, D/K, NTSC4.43MHz
CF	PAL-B/G, SECAM-B/G, SECAM-UL
CS	PAL-B/G, D/K, SECAM-B/G, D/K, NTSC4.43/3.58MHz
CD	PAL-I, D/K

**Beware of high voltage. Live parts are accessible when the rear cover is removed.**  
**Do not remove the rear cover.**

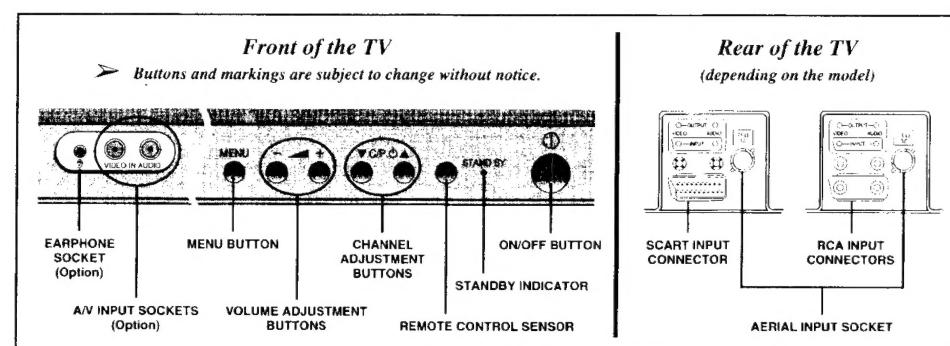
The lightning flash and arrowhead within the triangle is a warning sign alerting you to dangerous voltage inside the product.



The exclamation point within the triangle is a warning sign alerting you to important instructions accompanying the product.



## Front and Rear Panels



## Infrared Remote Control

